```
? show files;ds
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
        (c) 2005 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2005/Nov W02
        (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051124,UT=20051117
        (c) 2005 WIPO/Univentio
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200576
        (c) 2005  Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
        (c) 2002 INPI.  All rts. reserv.
File 120:U.S. Copyrights 1978-2005/Nov 15
        (c) format only 2005 Dialog
File 426:LCMARC-Books 1968-2005/Nov W3
        (c) format only 2005 Dialog
File 430:British Books in Print 2005/Nov W3
        (c) 2005 J. Whitaker & Sons Ltd.
File 483:Newspaper Abs Daily 1986-2005/Nov 28
        (c) 2005 ProQuest Info&Learning
File   2:INSPEC 1898-2005/Nov W3
        (c) 2005 Institution of Electrical Engineers
File  35:Dissertation Abs Online 1861-2005/Nov
        (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/Nov W4
        (c) 2005 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
        (c) 2005 The HW Wilson Co.
File 474:New York Times Abs 1969-2005/Nov 28
        (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Nov 28
        (c) 2005 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 The Gale Group
File 256:TecInfoSource 82-2005/Feb
        (c) 2005 Info.Sources Inc
File 169:Insurance Periodicals 1984-1999/Nov 15
        (c) 1999 NILS Publishing Co.
File  94:JICST-EPlus 1985-2005/Sep W4
        (c)2005 Japan Science and Tech Corp(JST)
File   9:Business & Industry(R) Jul/1994-2005/Nov 28
        (c) 2005  The Gale Group
File  15:ABI/Inform(R) 1971-2005/Nov 29
        (c) 2005 ProQuest Info&Learning
File  16:Gale Group PROMT(R) 1990-2005/Nov 29
        (c) 2005 The Gale Group
File  20:Dialog Global Reporter 1997-2005/Nov 29
        (c) 2005 Dialog
File 148:Gale Group Trade & Industry DB 1976-2005/Nov 29
        (c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Nov 29
        (c) 2005 The Gale Group
File 476:Financial Times Fulltext 1982-2005/Nov 30
        (c) 2005 Financial Times Ltd
File 610:Business Wire 1999-2005/Nov 29
        (c) 2005 Business Wire.
File 613:PR Newswire 1999-2005/Nov 29
        (c) 2005 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2005/Nov 29
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                (c) 2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/Nov 29
                (c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury  Jun 1985-2005/Nov 28
                (c) 2005 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2005/Nov 29
                (c) 2005 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
                (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
                (c) 1999 PR Newswire Association Inc
File 625:American Banker Publications 1981-2005/Nov 29
                (c) 2005 American Banker
File 626:Bond Buyer Full Text 1981-2005/Nov 29
                (c) 2005 Bond Buyer
File 268:Banking Info Source 1981-2005/Nov W2
                (c) 2005 ProQuest Info&Learning
File 647:CMP  Computer Fulltext 1988-2005/Nov W3
                (c) 2005 CMP Media, LLC
File 674:Computer News Fulltext 1989-2005/Oct W2
                (c) 2005 IDG Communications
File 267:Finance & Banking Newsletters 2005/Nov 28
                (c) 2005 Dialog
File 239:Mathsci 1940-2005/Jan
                (c) 2005 American Mathematical Society
File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
                (c) 2005 The HW Wilson Co
File  13:BAMP 2005/Nov W2
                (c) 2005  The Gale Group
File  56:Computer and Information Systems Abstracts 1966-2005/Nov
                (c) 2005 CSA.
File  75:TGG Management Contents(R)  86-2005/Nov W4
                (c) 2005 The Gale Group
File 587:Jane`s Defense&Aerospace 2005/Nov W4
                (c) 2005 Jane`s Information Group
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Set	Items	Description
S1	2230	AU='LIU S'
S2	11	AU='LIU S S'
S3	1	AU='LIU S.'
S4	10	AU='LIU S-S'
S5	10	AU='LIU SHARON S'
S6	91	AU='LIU, S'
S7	2	AU='LIU, S.S'
S8	2719	AU='LIU, S.':AU='LIU, S. (EDITOR)'
S9	3	AU='LIU, S. ET AL':AU='LIU, S. ET AL.'
S10	43	AU='LIU, S. S':AU='LIU, S. S. L.'
S11	32	AU='LIU, S.-S':AU='LIU, S.-S.'
S12	38	AU='LIU, S.S.'
S13	5	AU='LIU, S-S'
S14	2	AU='LIU, SHAREN'
S15	6	AU='LIU, SHARON'
S16	15	AU='LUEHE J':AU='LUEHE JAN'
S17	1	AU='LUEHE, J.'
S18	0	AU='LEUHE, JAN'
S19	5203	S1:S18
S20	1984	S19 FROM 347,348,349,350,371
S21	63	IC=(G06Q-099? OR H04K-001? OR H04L-009? OR G06F-017?)
S22	63	S20 AND S21
S23	606	APPLICATION? ? OR FRAMEWORK? ? OR IMPLEMENTATION? ? OR RES-

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                  TRICTION? ? OR ENCRYPTION? ?
S24        11     S22 AND S23
S25        11     IDPAT (sorted in duplicate/non-duplicate order)
S26        10     IDPAT (primary/non-duplicate records only)
S27      3219     S19 NOT S20
S28      . 445    S23 AND S27
S29         6     FRAMEWORK? ? AND IMPLEMENTATION? ? AND RESTRICTION? ? AND -
                  ENCRYPTION? ?
S30         0     S27 AND S29
S31         0     S28 AND WRAPPER()CLASS??
S32         0     S28 AND WRAPPER? ?(3N)(CLASS?? OR INSTANCE? ?)
S33         0     S28 AND DYNAMIC? AND CUSTOMI?
S34        35     S28 AND (DYNAMIC? OR CUSTOMI?)
S35        14     S34 NOT PY>1999
S36        14     S35 NOT PD=19991123:20051231
S37        13     RD (unique items)
S38        23     S26 OR S37
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? show files;ds
File 347:JAPIO Nov 1976-2005/Jul(Updated 051102)
        (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200576
        (c) 2005  Thomson Derwent
File 371:French Patents 1961-2002/BOPI 200209
        (c) 2002 INPI.  All rts. reserv.


Set     Items    Description
S1       3672    OBJECT()ORIENTED
S2     768505    INTERACTIV? OR DYNAMIC? OR REALTIME OR (REAL OR ACTUAL)()T-
                 IME OR ADAPTIV? OR INTERACTIONAL OR ON(2W)(REQUEST OR DEMAND -
                 OR FLY) OR (AS OR WHEN)(2W)(NEEDED OR REQUIRED) OR TRANSPAREN-
                 T?
S3    5797335    CONTRUCT??? OR CREAT??? OR INSTANTIATION OR GENERAT??? OR -
                 PRODUC??? OR DEVELOP? OR ORIGINAT??? OR LAUNCH??? OR IMPLEMEN-
                 T? OR TAILOR??? OR CUSTOMI?
S4    5136183    ENFORC??? OR ENFORCEMENT OR CONTROL? ? OR CONTROLL? OR GOV-
                 ERN??? OR MONITOR??? OR RESTRICT??? OR RESTRICTION? ? OR LIMI-
                 T??? OR LIMITATION? ? OR CONSTRAINT? ? OR DELIMIT?
S5      32941    CRYPTOGRA? OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYP-
                 HER? ? OR ENC?PHER?? OR DEC?PHER?
S6    6168215    FUNCTION??? OR FUNCTIONALIT??? OR ALGORITHM? ? OR FEATURE?
                 ? OR ATTRIBUTE? ? OR OBJECT? ? OR PROCESS?? OR TASK? ? OR OPE-
                 RATION? ? OR PROGRAM? ? OR PROCEDURE? ? OR ROUTINE? ?
S7       3560    S2(10N)(S3(5N)S4)
S8       8048    S5(5N)S6
S9          0    S1(S)S7(S)S8
S10         0    S1 AND S7 AND S8
S11         4    S1(S)S7
S12      5831    S2(10N)(S3(10N)S4)
S13        16    S1 AND S12
S14    392377    IC=(G06Q-099? OR H04K-001? OR H04L-009? OR G06F-017?)
S15         3    S13 AND S14
S16         7    S11 OR S15
S17         7    IDPAT (sorted in duplicate/non-duplicate order)
S18         6    IDPAT (primary/non-duplicate records only)
```

18/3,K/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014114183   **Image available**
WPI Acc No: 2001-598395/200168
Related WPI Acc No: 2001-498186; 2001-498187; 2001-572280; 2001-598396
XRPX Acc No: N01-446267
   **Customized implementation construction for health care, financial
   services, involves encapsulating implementation instance and restrictions
   within wrapper instance and providing wrapper instance to application**
Patent Assignee: SUN MICROSYSTEMS INC (SUNM)
Inventor: LIU S S; LUEHE J
Number of Countries: 028 Number of Patents: 003
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 1102151	A2	20010523	EP 2000309873	A	20001107	200168	B
JP 2001216162	A	20010810	JP 2000354261	A	20001121	200168	
IL 139325	A	20050320	IL 139325	A	20001027	200523	

Priority Applications (No Type Date): US 2000483723 A 20000114; US 99166871
   P 19991122; US 2000174630 P 20000105
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1102151	A2	E	35	G06F-001/00	

   Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
   LI LT LU LV MC MK NL PT RO SE SI TR

JP 2001216162	A		24	G06F-009/44	
IL 139325	A			G06F-019/00	

Abstract (Basic):
   ...   interact with the framework. The customized implementation
   itself provides the services and guarantee that the **restrictions**   are
   enforced and by **dynamically** constructing **customized
   implementations**0 , the framework ensures that the necessary
   restrictions are **enforced** on the services provided to the
   application...

   ...The figure shows the detailed block diagram of **object   oriented**
   mechanism...
   ...International Patent Class (Additional): **H04L-009/00**

   18/3,K/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014037559   **Image available**
WPI Acc No: 2001-521772/200157
XRPX Acc No: N01-386685
   **Software application program e.g. for processing control messages
   constructed in accordance with telecommunications control protocol, has
   object- oriented structure arranged to dynamically load object class**
Patent Assignee: BRITISH TELECOM PLC (BRTE)
Inventor: GARYFALOS A
Number of Countries: 094 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week

? show files;ds
File 348:EUROPEAN PATENTS 1978-2005/Nov W02
        (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20051124,UT=20051117
        (c) 2005 WIPO/Univentio

Set   Items   Description
S1   10330   OBJECT()ORIENTED
S2   600509   INTERACTIV? OR DYNAMIC? OR REALTIME OR (REAL OR ACTUAL)()T-
                 IME OR ADAPTIV? OR INTERACTIONAL OR ON(2W)(REQUEST OR DEMAND -
                 OR FLY) OR (AS OR WHEN)(2W)(NEEDED OR REQUIRED) OR TRANSPAREN-
                 T?
S3   1660682 CONTRUCT??? OR CREAT??? OR INSTANTIATION OR GENERAT??? OR -
                 PRODUC??? OR DEVELOP? OR ORIGINAT??? OR LAUNCH??? OR IMPLEMEN-
                 T? OR TAILOR??? OR CUSTOMI?
S4   1746595 ENFORC??? OR ENFORCEMENT OR CONTROL? ? OR CONTROLL? OR GOV-
                 ERN??? OR MONITOR??? OR RESTRICT??? OR RESTRICTION? ? OR LIMI-
                 T??? OR LIMITATION? ? OR CONSTRAINT? ? OR DELIMIT?
S5   39594   CRYPTOGRA? OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYP-
                 HER? ? OR ENC?PHER?? OR DEC?PHER?
S6   1798487 FUNCTION??? OR FUNCTIONALIT??? OR ALGORITHM? ? OR FEATURE?
                 ? OR ATTRIBUTE? ? OR OBJECT? ? OR PROCESS?? OR TASK? ? OR OPE-
                 RATION? ? OR PROGRAM? ? OR PROCEDURE? ? OR ROUTINE? ?
S7   10510   S2(10N)(S3(5N)S4)
S8   16674   S5(5N)S6
S9   14   S1(S)S7(S)S8
S10   63512   IC=(G06Q-099? OR H04K-001? OR H04L-009? OR G06F-017?)
S11   4   S9 AND S10
S12   57   S1(S)S7
S13   8   S5(S)S12
S14   3   S10 AND S13
S15   5   S11 OR S14
S16   5   IDPAT (sorted in duplicate/non-duplicate order)
S17   5   IDPAT (primary/non-duplicate records only)
S18   57   S9 OR S12
S19   49   S18 NOT S13
S20   12   S10 AND S19

S21   20   S13 OR S20
S22   20   IDPAT (sorted in duplicate/non-duplicate order)
S23   20   IDPAT (primary/non-duplicate records only)

23/3,K/2   (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

01281223
Object   oriented   mechanism   for   dynamically   constructing   customized
    implementations to enforce restrictions
Objektorientiertes   Mechanismus   zur   dynamischen   Erzeugung   von
    kundenspezifischen Einrichtungen zur Durchfuhrung von Beschrankungen
Mecanisme   oriente   objet   de   construction   dynamique   d'implementations
    personnalisees pour imposer des restrictions
PATENT ASSIGNEE:
  Sun Microsystems, Inc., (2616592), 4150 Network Circle, Santa Clara,
    California 95054, (US), (Applicant designated States: all)
INVENTOR:
  Liu, Sharon S., 10558 Deodara Drive, Cupertino, California 95014, (US)
  Luehe, Jan, 540 Stockton Street, 9, San Francisco, California 94108, (US)
LEGAL REPRESENTATIVE:
  Harris, Ian Richard et al (72231), D. Young & Co., 21 New Fetter Lane,
    London EC4A 1DA, (GB)
PATENT (CC, No, Kind, Date): EP 1102151 A2 010523 (Basic)
                              EP 1102151 A3 040204
APPLICATION (CC, No, Date):   EP 2000309873 001107;
PRIORITY (CC, No, Date): US 166871 P 991122; US 174630 P 000105; US 483723
    000114
DESIGNATED STATES: DE; FR; GB
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI
INTERNATIONAL PATENT CLASS: G06F-001/00
ABSTRACT WORD COUNT: 189
NOTE:
  Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text Language   Update   Word Count
      CLAIMS A (English) 200121   3180
      SPEC A   (English) 200121   11477
Total word count - document A   14657
Total word count - document B   0
Total word count - documents A + B   14657

...SPECIFICATION set out in the claims.
    In accordance with the present invention, there is provided an **object
    oriented** mechanism for **dynamically** constructing **customized
    implementations** to **enforce   restrictions** on services. For purposes of
    the present invention, a service is defined broadly to encompass any
    functionality requested by and provided to an application, including but
    not limited to **encryption / decryption** functionality. In one
    embodiment, the invention is implemented in a system comprising an
    application, a...

23/3,K/14   (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00784124
SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A

? show files;ds
File   2:INSPEC 1898-2005/Nov W3
        (c) 2005 Institution of Electrical Engineers
File   35:Dissertation Abs Online 1861-2005/Nov
        (c) 2005 ProQuest Info&Learning
File   65:Inside Conferences 1993-2005/Nov W4
        (c) 2005 BLDSC all rts. reserv.
File   99:Wilson Appl. Sci & Tech Abs 1983-2005/Oct
        (c) 2005 The HW Wilson Co.
File 474:New York Times Abs 1969-2005/Nov 29
        (c) 2005 The New York Times
File 475:Wall Street Journal Abs 1973-2005/Nov 29
        (c) 2005 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 The Gale Group
File 256:TecInfoSource 82-2005/Feb
        (c) 2005 Info.Sources Inc
File 169:Insurance Periodicals 1984-1999/Nov 15
        (c) 1999 NILS Publishing Co.
File   94:JICST-EPlus 1985-2005/Sep W4
        (c)2005 Japan Science and Tech Corp(JST)

Set   Items   Description
S1   80685   OBJECT()ORIENTED
S2   1771649   INTERACTIV? OR DYNAMIC? OR REALTIME OR (REAL OR ACTUAL)()T-
                  IME OR ADAPTIV? OR INTERACTIONAL OR ON(2W)(REQUEST OR DEMAND -
                  OR FLY) OR (AS OR WHEN)(2W)(NEEDED OR REQUIRED) OR TRANSPAREN-
                  T?
S3   7499630   CONTRUCT??? OR CREAT??? OR INSTANTIATION OR GENERAT??? OR -
                  PRODUC??? OR DEVELOP? OR ORIGINAT??? OR LAUNCH??? OR IMPLEMEN-
                  T? OR TAILOR??? OR CUSTOMI?
S4   4279690   ENFORC??? OR ENFORCEMENT OR CONTROL? ? OR CONTROLL? OR GOV-
                  ERN??? OR MONITOR??? OR RESTRICT??? OR RESTRICTION? ? OR LIMI-
                  T??? OR LIMITATION? ? OR CONSTRAINT? ? OR DELIMIT?
S5   46333   CRYPTOGRA? OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYP-
                  HER? ? OR ENC?PHER?? OR DEC?PHER?
S6   8140830   FUNCTION??? OR FUNCTIONALIT??? OR ALGORITHM? ? OR FEATURE?
                  ? OR ATTRIBUTE? ? OR OBJECT? ? OR PROCESS?? OR TASK? ? OR OPE-
                  RATION? ? OR PROGRAM? ? OR PROCEDURE? ? OR ROUTINE? ?
S7   19238   S2(10N)(S3(5N)S4)
S8   6374   S5(5N)S6
S9   0   S1(S)S7(S)S8
S10   0   S1 AND S7 AND S8
S11   195   S1(S)S7
S12   0   S5(S)S11
S13   1   S5 AND S11
S14   1   S1 AND S5 AND S7
S15   53107   S2(10N)S3(10N)S4
S16   0   S1(S)S8(S)S15
S17   0   S1 AND S8 AND S15
S18   4   S1 AND S5 AND S15
S19   18   S1 AND S2 AND S4 AND S5
S20   18   S14 OR S18 OR S19
S21   13   S20 NOT PY>1999
S22   13   S21 NOT PD=19991123:20051231
S23   11   RD (unique items)

23/3,K/4   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC

07375278   INSPEC Abstract Number: C1999-11-6150J-015
   Title: Interposition agents: transparently **interposing user code at the system interface**
   Author(s): Jones, M.B.
   Author Affiliation: Microsoft Res., Microsoft Corp., Redmond, WA, USA
   Book Title: Secure Internet programming. Security issues for mobile and distributed objects   p.339-68
   Editor(s): Vitek, J.; Jensen, C.D.
   Publisher: Springer-Verlag, Berlin, Germany
   Publication Date: 1999 Country of Publication: Germany   vii+499 pp.
   ISBN: 3 540 66130 1   Material Identity Number: XB-1999-00077
   Language: English
   Subfile: C

   Title: Interposition agents: transparently **interposing user code at the system interface**
   ...Abstract: built include: protected environments for running untrusted binaries, logical devices implemented entirely in user space, **transparent** data compression and/or **encryption** agents, transactional software environments, and emulators for other operating system environments.
   Descriptors: **object - oriented** programming...

...system **monitoring**

23/3,K/6   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC

07040730   INSPEC Abstract Number: B9811-6210L-088, C9811-5620W-033
   Title: An abstract authorization system for the Internet
   Author(s): Fernandez, E.B.; Nair, K.R.
   Author Affiliation: Dept. of Comput. Sci. & Eng., Florida Atlantic Univ., Boca Raton, FL, USA
   Conference Title: Proceedings Ninth International Workshop on Database and Expert Systems Applications (Cat. No.98EX130)   p.310-15
   Editor(s): Tjoa, A.M.; Wagner, R.R.
   Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA
   Publication Date: 1998 Country of Publication: USA   xix+1023 pp.
   ISBN: 0 8186 8353 8   Material Identity Number: XX98-02383
   U.S. Copyright Clearance Center Code: 0 8186 8353 8/98/$10.00
   Conference Title: Proceedings Ninth International Workshop on Database and Expert Systems Applications
   Conference Sponsor: IEEE Comput. Soc.; DEXA Assoc.; Austrian Comput. Soc. ; Res. Inst. Appl. Knowledge Process (FAW); Univ. Vienna
   Conference Date: 26-28 Aug. 1998   Conference Location: Vienna, Austria
   Language: English
   Subfile: B C
   Abstract: Most of the work on Internet security focuses on **cryptographic** approaches. While valuable, this is not a feasible way to **control** access to documents. **Cryptography** can only **control** secrecy and authentication aspects, but cannot handle different types of access by different users,

```
? show files;ds
File  20:Dialog Global Reporter 1997-2005/Dec 01
        (c) 2005 Dialog

Set     Items    Description
S1       8500    OBJECT()ORIENTED
S2    1574899    INTERACTIV? OR DYNAMIC? OR REALTIME OR (REAL OR ACTUAL)()T-
                 IME OR ADAPTIV? OR INTERACTIONAL OR ON(2W)(REQUEST OR DEMAND -
                 OR FLY) OR (AS OR WHEN)(2W)(NEEDED OR REQUIRED) OR TRANSPAREN-
                 T?
S3   16276102    CONTRUCT??? OR CREAT??? OR INSTANTIATION OR GENERAT??? OR -
                 PRODUC??? OR DEVELOP? OR ORIGINAT??? OR LAUNCH??? OR IMPLEMEN-
                 T? OR TAILOR??? OR CUSTOMI?
S4    8431708    ENFORC??? OR ENFORCEMENT OR CONTROL? ? OR CONTROLL? OR GOV-
                 ERN??? OR MONITOR??? OR RESTRICT??? OR RESTRICTION? ? OR LIMI-
                 T??? OR LIMITATION? ? OR CONSTRAINT? ? OR DELIMIT?
S5      83038    CRYPTOGRA? OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYP-
                 HER? ? OR ENC?PHER?? OR DEC?PHER?
S6   12484770    FUNCTION??? OR FUNCTIONALIT??? OR ALGORITHM? ? OR FEATURE?
                 ? OR ATTRIBUTE? ? OR OBJECT? ? OR PROCESS?? OR TASK? ? OR OPE-
                 RATION? ? OR PROGRAM? ? OR PROCEDURE? ? OR ROUTINE? ?
S7       7390    S2(10N)(S3(5N)S4)
S8       9219    S5(5N)S6
S9          0    S1(S)S7(S)S8
S10         0    S1(S)S5(S)S7
S11        10    S1(S)S7
S12     14465    S2(10N)(S3(10N)S4)
S13        46    S1(2S)S12
S14         0    S5(2S)S13
S15         0    S5(3S)S13
S16         2    S5 AND S13
S17        12    S11 OR S16
S18         6    S17 NOT PY>1999
S19         6    S18 NOT PD=19991123:20051231
S20         6    RD (unique items)
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? show files;ds
File   9:Business & Industry(R) Jul/1994-2005/Dec 01
         (c) 2005 The Gale Group
File 15:ABI/Inform(R) 1971-2005/Dec 01
         (c) 2005 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2005/Dec 02
         (c) 2005 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/Dec 02
         (c)2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2005/Dec 02
         (c) 2005 The Gale Group

Set   Items   Description
S1   85555   OBJECT()ORIENTED
S2   2972542   INTERACTIV? OR DYNAMIC? OR REALTIME OR (REAL OR ACTUAL)()T-
                 IME OR ADAPTIV? OR INTERACTIONAL OR ON(2W)(REQUEST OR DEMAND -
                 OR FLY) OR (AS OR WHEN)(2W)(NEEDED OR REQUIRED) OR TRANSPAREN-
                 T?
S3   20921032   CONTRUCT??? OR CREAT??? OR INSTANTIATION OR GENERAT??? OR -
                 PRODUC??? OR DEVELOP? OR ORIGINAT??? OR LAUNCH??? OR IMPLEMEN-
                 T? OR TAILOR??? OR CUSTOMI?
S4   7998044   ENFORC??? OR ENFORCEMENT OR CONTROL? ? OR CONTROLL? OR GOV-
                 ERN??? OR MONITOR??? OR RESTRICT??? OR RESTRICTION? ? OR LIMI-
                 T??? OR LIMITATION? ? OR CONSTRAINT? ? OR DELIMIT?
S5   211713   CRYPTOGRA? OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYP-
                 HER? ? OR ENC?PHER?? OR DEC?PHER?
S6   14567447   FUNCTION??? OR FUNCTIONALIT??? OR ALGORITHM? ? OR FEATURE?
                 ? OR ATTRIBUTE? ? OR OBJECT? ? OR PROCESS?? OR TASK? ? OR OPE-
                 RATION? ? OR PROGRAM? ? OR PROCEDURE? ? OR ROUTINE? ?
S7   22668   S2(10N)(S3(5N)S4)
S8   32868   S5(5N)S6
S9   0   S1(S)S7(S)S8
S10   0   S1(S)S5(S)S7
S11   149   S1(S)S7
S12   1   S5 AND S11
S13   43767   S2(10N)(S3(10N)S4)
S14   0   S1(3S)(S5(S)S7)
S15   262   S1(S)S13
S16   1   S5(S)S15
S17   1   S5(3S)S15
S18   312   S5(S)S13
S19   0   S1(3N)S18
S20   83   S1(20N)S7
S21   84   S17 OR S20
S22   71   S21 NOT PY>1999
S23   71   S22 NOT PD=19991123:20051231
S24   57   RD (unique items)
S25   51   S1(10N)S7
S26   180   S5(10N)S13
S27   92   S5(10N)S7
S28   143   S25 OR S27
S29   42   S25 NOT PY>1999
S30   42   S29 NOT PD=19991123:20051231
S31   34   RD (unique items)

```
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Set     Items    Description
S1      34702    OBJECT()ORIENTED
S2    1922764    INTERACTIV? OR DYNAMIC? OR REALTIME OR (REAL OR ACTUAL)()T-
                 IME OR ADAPTIV? OR INTERACTIONAL OR ON(2W)(REQUEST OR DEMAND -
                 OR FLY) OR (AS OR WHEN)(2W)(NEEDED OR REQUIRED) OR TRANSPAREN-
                 T?
S3   11424854    CONTRUCT??? OR CREAT??? OR INSTANTIATION OR GENERAT??? OR -
                 PRODUC??? OR DEVELOP? OR ORIGINAT??? OR LAUNCH??? OR IMPLEMEN-
                 T? OR TAILOR??? OR CUSTOMI?
S4    5334425    ENFORC??? OR ENFORCEMENT OR CONTROL? ? OR CONTROLL? OR GOV-
                 ERN??? OR MONITOR??? OR RESTRICT??? OR RESTRICTION? ? OR LIMI-
                 T??? OR LIMITATION? ? OR CONSTRAINT? ? OR DELIMIT?
S5     113498    CRYPTOGRA? OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYP-
                 HER? ? OR ENC?PHER?? OR DEC?PHER?
S6    8862848    FUNCTION??? OR FUNCTIONALIT??? OR ALGORITHM? ? OR FEATURE?
                 ? OR ATTRIBUTE? ? OR OBJECT? ? OR PROCESS?? OR TASK? ? OR OPE-
                 RATION? ? OR PROGRAM? ? OR PROCEDURE? ? OR ROUTINE? ?
S7      15116    S2(10N)(S3(5N)S4)
S8      16703    S5(5N)S6
S9          0    S1(S)S7(S)S8
S10         0    S1(S)S5(S)S7
S11        59    S1(S)S7
S12         0    S5(3S)S11
S13       148    S5(S)S7
S14         0    S1(3N)S13
S15     29242    S2(10N)(S3(10N)S4)
S16         0    S5(3N)(S1(S)S7)
S17        90    S5(10N)S7
S18        28    S1(10N)S5
S19        87    S11 OR S18
S20        43    S1(10N)S7
S21        71    S18 OR S20
S22        55    S21 NOT PY>1999
S23        55    S22 NOT PD=19991123:20051231
S24        43    RD (unique items)
```

? show files;ds
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Set   Items   Description
S1   20203   OBJECT()ORIENTED
S2   634528   INTERACTIV? OR DYNAMIC? OR REALTIME OR (REAL OR ACTUAL)()T-
                 IME OR ADAPTIV? OR INTERACTIONAL OR ON(2W)(REQUEST OR DEMAND -
                 OR FLY) OR (AS OR WHEN)(2W)(NEEDED OR REQUIRED) OR TRANSPAREN-
                 T?
S3   2678543   CONTRUCT??? OR CREAT??? OR INSTANTIATION OR GENERAT??? OR -
                 PRODUC??? OR DEVELOP? OR ORIGINAT??? OR LAUNCH??? OR IMPLEMEN-
                 T? OR TAILOR??? OR CUSTOMI?
S4   1622598   ENFORC??? OR ENFORCEMENT OR CONTROL? ? OR CONTROLL? OR GOV-
                 ERN??? OR MONITOR??? OR RESTRICT??? OR RESTRICTION? ? OR LIMI-
                 T??? OR LIMITATION? ? OR CONSTRAINT? ? OR DELIMIT?
S5   44820   CRYPTOGRA? OR ENCRYPT??? OR DECRYPT??? OR CIPHER? ? OR CYP-
                 HER? ? OR ENC?PHER?? OR DEC?PHER?
S6   3113432   FUNCTION??? OR FUNCTIONALIT??? OR ALGORITHM? ? OR FEATURE?
                 ? OR ATTRIBUTE? ? OR OBJECT? ? OR PROCESS?? OR TASK? ? OR OPE-
                 RATION? ? OR PROGRAM? ? OR PROCEDURE? ? OR ROUTINE? ?
S7   4398   S2(10N)(S3(5N)S4)
S8   6644   S5(5N)S6
S9   0   S1(S)S7(S)S8
S10   1   S1(S)S5(S)S7
S11   16   S1(10N)S7
S12   14   S1(10N)S8
S13   61   S1(S)(S7 OR S8)
S14   40   S13 NOT PY>1999
S15   40   S14 NOT PD=19991123:20051231
S16   39   RD (unique items)

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